

Canopia E Extensive Multi-Layer Substrate

Canopia E Extensive Multi-Layer Substrate is a vegetation base layer for extensive multi-layer green roofs and is also suitable for green roof areas with a pitch of 5° or less.

PRODUCT DATA

Material (main components) Expanded shale, expanded clay, lava, pumice, crushed brick, Porolith and green waste compost. Composition variable depending on the region.

Dry weight (compacted) Min. 750 kg/m³ (light version)
Min. 1,000 kg/m³ (heavy version)

Saturated weight (compacted) 1,140 - 1,440 kg/m³ (light version)
1,320 - 1,680 kg/m³ (heavy version)

Maximum water capacity ≥ 35% volume

pH value 6.0 - 8.5

Salt content ≤ 3.5 g/L

Water permeability ≥ 0.6 mm/min

Compaction factor 1.2

Organic substances < 65 g/L

Total pore volume > 60 - 70% volume

Quantity / delivered unit According to order size

Delivery form Loose bulk on an open truck;
Blown into silo truck;
In large bags on an open truck; or
In sacks on euro pallets by forwarding agent



INTENDED USE

Canopia E Extensive Multi-Layer Substrate is used as a vegetation base layer for extensive multi-layer green roofs and in the pitched roof area, on roof areas with low load bearing capacity, structurally stabilised and suitable for wide range of plants. For project specific weight information, please contact our Technical Support Team.

SPECIFIC PROPERTIES

- Fulfills the requirements of the FLL Green Roofing Guideline.
- Maximum water capacity ≥ 35% volume with a water permeability of ≥ 0.6 mm per minute.

We are committed to continuously enhancing and improving our product range. We reserve the right to change our product specifications. We reserve the right to correct any typographical or clerical error or omission. For the latest information contact customer service.



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